CONTENTS OF VOL. 197

ORIGINAL ARTICLES.

No. 1—January.

The "Romantic" Attributes of "Lawlessness" and "Malignancy" in Cancer. By Horst Oertel, M.D. 1

Localization of Cardiac Infarcts in Man. 1. A Comparison of Anterior-posterior With Muscle Bundle Modes of Localization. By Jane Sands Robb, Sc.D., M.D., and Robert C. Robb, S.D., M.D. . . 7

Localization of Cardiac Infarcts in Man. II. Twenty-nine New Cases of Muscle Bundle Localization With Postmortem Confirmation. By Jane Sands Robb, Sc.D., M.D., and Robert C. Robb, S.D., M.D. 18

The Treatment of Pneumococcic Pneumonia by Hydroxyethylapocupreine. By W. W. G. Maclachlan, M.D., John M. Johnston, M.D., Mark M. Bracken, M.D., and George E. Crum, M.D. 31

The Blood Platelet Count in Relation to the Menstrual Cycle in Normal Women. By Frederick J. Pohle, M.D. 40

The Present Incidence of Trichinella Spiralis in Man as Determined by a Study of 1060 Unselected Autopsies in St. Louis Hospitals. By Thomas B. Pote, M.D. 47

The Effect of Induced Hyperpyrexia on the Urea Clearance of Rheumatic Patients. By Lee E. Farr, M.D., and Johannes K. Moen, M.D. . 53

The Effect of Benzedrine, Benzedrine and Atropine, and Atropine on the Gall Bladder. By Purcell G. Schube, M.D., A. Myerson, M.D., and R. Lambert, M.A. 57

Pathological Physiology of Pulmonary Cysts and Emphysematous Bullæ. By Nolan L. Kaltreider, M.D., and Walter W. Fray, M.D. . 62

The Effects of Large Doses of Insulin on Blood Hydration in Man. By Samuel Koppelman, M.D. 78

Hyperparathyroidism Due to Parathyroid Adenoma, With Death From Parathormone Intoxication. By Frederic M. Hanes, M.D. . . 85

Notes on Chemical Studies of a Gaucher Spleen. By Jeanette S. McConnell, M.S., J. C. Forbes, M.A., Ph.D., and F. L. Apperly, M.D., D.Sc. 90

A Case of Hodgkin's Disease With Massive Collapse and Cavitation of the Lung. By B. L. Hardin, Jr., M.D. 92

Venous Blood Pressure Measurements During Syncope Caused by Hyperirritable Carotid Sinus Reflex. By Leon J. Robinson, M.D. . . 100

Pressor Effect of Amphetamine ("Benzedrine") on Normal Hypotensive and Hypertensive Patients. By W. Wallace Dyer, M.D. . . . 103

No. 2—February.

The Alleged Dullness Over the Apex of the Normal Right Lung. By Warren Coleman, M.D. 141

The Rôle of the Vibration Sense in Percussion. By Warren Coleman, M.D. 145

Specific Treatment of Pneumococcus Type I Pneumonia. Including the Use of Horse and Rabbit Antipneumococcus Serums and Sulphanilamide. By Maxwell Finland, M.D., and John W. Brown, M.D. 151

Sulphanilamide in the Treatment of Gonococcal Arthritis. By Chester S. Keefer, M.D., and Lowell A. Rantz, M.D. 168

Clinical Studies in Circulatory Adjustments. V. Clinical Evaluation of Cardiodynamic Studies. By A. Allen Goldbloom, M.D., F.A.C.P., and Abraham Lieberson, M.D. 182

Movements of Roentgen-opaque Deposits in Heart Valve Areas: II. The Excursion of the Apex and Base of the Left Ventricle Compared With That of the Left Border. By Charles C. Wolferth, M.D., and Alexander Margolies, M.D. 197

Histologic Investigation into the Pyloric Gland Organ in Pernicious Anemia. By E. Meulengracht 201

A Case of Erythremia, Gout and Subleukemic Myelosis. By George H. Reifenstein, M.D. 215

The Mechanism of the Compensatory Changes in Anemia, Especially as Regards Blood CO_2 and pH. By Frank L. Apperly, M.A., D.Sc., M.D., and M. K. Cary, A.B. 219

The Blood Plasma Ascorbic Acid in Patients With Achlorhydria (Pernicious and Iron Deficiency Anemia). By Howard L. Alt, Herman Chinn and Chester J. Farmer 229

Fatal Bacterial Endocarditis Due to Salmonella Suipestifer. By Donald E. Forster, M.D. 234

The Use of Electrocardiographic Changes Caused by Induced Anoxemia as a Test for Coronary Insufficiency. By Robert L. Levy, M.D., Howard G. Bruenn, M.D., and Nelson G. Russell, Jr., M.D. . 241

Serologic and Immunologic Studies Relative to the Viruses of Human and Swine Influenza. By Dorothy R. Shaw, M.S., Athol S. Kenney, M.D., and Joseph Stokes, Jr., M.D. 247

Complement-fixation Studies on the Sera of Individuals Vaccinated With Active Virus of Human Influenza. By Allison P. Morrison, B.S., Dorothy R. Shaw, M.S., Athol S. Kenney, M.D., and Joseph Stokes, Jr., M.D. 253

No. 3—March.

The Healing of Cavities. By W. Pagel, M.D., and F. A. H. Simmonds, M.D. 281

The Antianemic Effect of Yeast in Pernicious Anemia. By M. M. Wintrobe, M.D. 286

Vitamin C Deficiency—Clinical and Therapeutic Problems. With a Case Study of Six Patients in One Family. By Teresa McGovern, B.S., M.D., M.S. in P.H., Catherine F. Gannon, A.B., M.A., and Irving Sherwood Wright, A.B., M.D. 310

Determination of the Codehydrogenases I and II (Cozymase) in the Blood of Diabetics in Severe Acidosis. By Richard W. Vilter, M.D., Sue Potter Vilter, M.A., and Tom D. Spies, M.D. 322

The Relation of Potassium to Periodic Family Paralysis. II. Experimental Data. By George D. Gammon, M.D., J. Harold Austin, M.D., Margaret D. Blithe, M.A., and C. Graham Reid, M.D. . . . 326

Some Different Types of Essential Hypertension: Their Course and Prognosis. By Norman M. Keith, M.D., Henry P. Wagener, M.D., and Nelson W. Barker, M.D. 332

The Postmortem Weight of the "Normal" Human Spleen at Different Ages. By E. B. Krumbhaar, M.D., and S. W. Lippincott, M.D. . 344

The Significance of Peripheral Circulatory Disturbances for the Development of Osteo-arthritis. By David H. Kling, M.D. 358

Specific Treatment of Pneumococcus Type II Pneumonia. Including the Use of Horse and Rabbit Antipneumococcus Serums and Sulphanilamide. By John W. Brown, M.D., and Maxwell Finland, M.D. 369

Specific Treatment of Pneumococcus Type V and Type VII Pneumonias. Including the Use of Horse and Rabbit Antipneumococcus Serums and Sulphanilamide. By Maxwell Finland, M.D., and John W. Brown, M.D. 381

The Personality Type of Patients With Toxemias of Late Pregnancy. By Lyle G. McNeile, M.D., and Ernest W. Page, M.D. 393

No. 4—April.

The Influence of Acid and Alkaline Salts Upon the Blood in Hypochromic Anemia Treated by Iron Parenterally. By Frederick J. Pohle, M.D., and Clark W. Heath, M.D. 437

Preserved Citrated Blood "Banks" in Relation to Transfusion in the Treatment of Disease With Special Reference to the Immunologic Aspects. By John A. Kolmer, M.D. 442

Sulphanilamide Therapy in Gonorrhea. Review of Literature and Report of 298 Cases. By Charles Ferguson, Maurice Buchholtz, and Robert Yarmouth Gromet 452

The Search for More Effective Morphine-like Alkaloids. By Nathan B. Eddy, M.D. 464

Massive Dose Arsenotherapy of Syphilis by the Intravenous Drip Method: Five-year Observations. By Harold Thomas Hyman, M.D., Louis Chargin, M.D., and William Leifer, M.D. 480

Four Physiotherapeutic Devices for the Treatment of Peripheral Vascular Disorders. By Hugh Montgomery, M.D., and Isaac Starr, M.D. 485

The Diagnosis of Tularemia. By William F. Friedewald, M.D., and George A. Hunt, Ph.D. 493

Spontaneous Interstitial Emphysema of the Lungs. By JOHNSON MCGUIRE, M.D., and WILLIAM BENNETT BEAN, M.D. 502

The Incidence of the Various Types of Gastric Disease as Revealed by Gastroscopic Study. By RUDOLF SCHINDLER, M.D. 509

A Review of a Five-year Tuberculosis Program Among University of Wisconsin Students. By R. H. STIEHM, M.D. 517

Studies in Diabetes Mellitus. VII. Non-diabetic Glycosuria. By ALEXANDER MARBLE, M.D., ELLIOTT P. JOSLIN, M.D., LOUIS I. DUBLIN, PH.D., and HERBERT H. MARKS 533

Why Diabetics Discontinue Protamine Insulin. By RUSSELL WILDER, JR., M.D. 557

No. 5—May.

Studies in Dystrophia Myotonica. I: Hereditary Aspects. By ABE RAVIN, M.D., and JAMES J. WARING, M.D. 593

The Chemotherapy of Experimental Type II Pneumococcic Meningitis. By PAUL GROSS, M.D., and FRANK B. COOPER, M.S., With the Technical Assistance of MARION LEWIS 609

Lymphocytic Choriomeningitis. Report of a Fatal Case With Autopsy Findings. By T. E. MACHELLA, M.D., L. M. WEINBERGER, M.D., and S. W. LIPPINCOTT, M.D. 617

Toxicology of Fluorides. By ALEXANDER O. GETTLER, PH.D., and LESTER ELLERBROOK, PH.D. 625

A Pharmacologic Study of Trichlorethanol. By G. LEHMANN, M.D., DR. ING., and P. K. KNOEFEL, M.D. 638

Significance of Standard Laboratory Procedures in the Diagnosis of Brucellosis. By E. E. MENEFEE, JR., M.D., and MARY A. POSTON . 646

Short Wave and Ultra Short Wave Diathermy. By HEINRICH BRUGSCH, M.D., and JOSEPH H. PRATT, M.D. 653

The Significance of Small and Absent Initial Positive Deflections in the Chest Lead. By JOSEPH B. VANDER VEER, M.D., and JOSEPH C. EDWARDS, M.D. 663

Allergy as a Factor in the Development of Reactions to Anti-rabic Treatment. By HAROLD M. HORACK, M.D. 672

Studies on Calcium Creosotate. IV. Observations on Its Use in Pulmonary Tuberculosis. By EDWIN J. FELLOWS, PH.D. 683

The Effect on the Developing Red Blood Cells in the Fetus, of Administering Human and Hog Gastric Juice to the Adult Rat During Pregnancy. By JOSEPH STASNEY, M.D., GEORGE M. HIGGINS, B.S., M.A., PH.D., and FRANK C. MANN, B.A., M.D., M.A., D.SC., LL.D. . . 690

Report of a Case of Aplastic Anemia Following Gold Injections in Which Recovery Occurred. By MAXWELL M. WINTROBE, M.D., AVERILL STOWELL, M.D., and RUFUS M. ROLL, M.D. 698

Phagocytic Activity in Leukemia. By NELL HIRSCHBERG, PH.D. . . 706

No. 6—June.

Exogenous Pernicious Anemia. By Gunnar Alsted, M.D. 741

The Presence of the Antipernicious Anemia Factor in an Extract of Fetal Bovine Livers. By Herman S. Wigodsky, M.S., Oscar Richter, M.D., and A. C. Ivy, Ph.D., M.D. 750

The Liver in Pellagra. By V. P. Sydenstricker, M.D., H. L. Schmidt, Jr., M.D., L. E. Geeslin, M.D., and J. W. Weaver, M.D. 755

Achlorhydria in the Leukemias. By Clara L. Davis, M.D., and Thomas Fitz-Hugh, Jr., M.D. 763

The Use of Vitamin B_1 in Rest Pain of Ischemic Origin. By Meyer Naide, M.D. 766

The Drug Treatment of Angina Pectoris Due to Coronary Artery Disease. By Arthur M. Master, M.D., Harry L. Jaffe, M.D., and Simon Dack, M.D. 774

A Necropsy Survey of Cardiovascular Syphilis With Particular Reference to Its Decreasing Incidence. By J. W. Welty, M.D. 782

On the Treatment of Raynaud's Disease With Papaverine Intravenously. By Michael G. Mulinos, M.D., Ph.D., Israel Shulman, M.D., and Isidor Mufson, M.D. 793

Sympathomimetic Stimulants in Acute Circulatory Failure of Phenol Shock. By M. L. Tainter, M.D., A. W. Footer, A.B., and Harold Hanzlik, A.B. 796

Intermittent Venous Compression in the Treatment of Peripheral Vascular Disorders. A Report on 103 Cases. By David W. Kramer, M.D., F.A.C.P. 808

Herpes Zoster and Its Visceral Manifestations. By Elmer S. Gais, M.D., and Robert H. Abrahamson, M.D. 817

True Hermaphroditism. Report of Confirmed Case. By Ralph C. Kell, M.D., Robert A. Matthews, M.D., and Albert A. Bockman, M.D. 825

Evidence of Communication Between Renal and Omental Blood Vessels Following Nephro-omentopexy for Arterial Hypertension in Man: Preliminary Note. By Maurice Bruger, M.D., and R. Franklin Carter, M.D. 832

Pulmonary and Urinary Excretion of Paraldehyde in Dogs. By James H. Defandorf, Ph.D. 834

Observations on the Etiology of Ulcerative Colitis. IV. The Rectometrogram and the Rectal Reactions of Eight Normal Subjects and One Patient With Ulcerative Colitis Before and After Spinal Anesthesia. A Preliminary Report. By Rolf Lium, M.D. 841

NEW BOOKS AND NEW EDITIONS

Book Reviews and Notices 109, 261, 401, 560, 712, 848
New Books 116, 267, 408, 564, 716, 857
New Editions 117, 269, 410, 858

PROGRESS OF MEDICAL SCIENCE

Medicine 118
Therapeutics 718
Pediatrics 129
Gynecology and Obstetrics 566
Dermatology and Syphilology 575
Ophthalmology 270
Neurology and Psychiatry 862
Radiology 729
Oto-Rhino-Laryngology 859
Pathology and Bacteriology 411
Hygiene and Public Health 427
Physiology 138, 277, 434, 588, 737, 873